

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	1	"20050042388"	US-PGPUB; USPAT; USOCR	OR	OFF	2006/05/25 14:47
S2	43736	(ebeam or e near beam or electorn near beam or electron near beams)	US-PGPUB; USPAT; USOCR	OR	OFF	2006/05/25 14:52
S3	5897	(ebeam or e near beam or electorn near beam or electron near beams) same cur\$3	US-PGPUB; USPAT; USOCR	OR	OFF	2006/05/25 15:00
S4	994	S3 same (modify or modified or change or changes or changed or modification)	US-PGPUB; USPAT; USOCR	OR	OFF	2006/05/25 15:01
S5	80	S4 and (organic or polymeric or polymer) near (surface or layer or film or substrate)	US-PGPUB; USPAT; USOCR	OR	OFF	2006/05/25 15:22
S6	1	"5376586".pn.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/05/25 15:22
S7	12	("5376586").URPN.	USPAT	OR	OFF	2006/05/25 15:23
S8	1	"5989983".pn.	USPAT	OR	OFF	2006/05/25 15:23
S9	27	("5989983").URPN.	USPAT	OR	OFF	2006/05/25 15:24
S10	1	"5609925".pn.	USPAT	OR	OFF	2006/05/25 15:24
S11	24	("5609925").URPN.	USPAT	OR	OFF	2006/05/25 15:25
S12	2	"9843294"	EPO; JPO; DERWENT	OR	OFF	2006/05/25 15:26
S13	13	"9700535"	EPO; JPO; DERWENT	OR	OFF	2006/05/25 15:27
S14	1	"4822451".pn.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/05/25 15:40
S15	19	("2876187"   "3081485"   "3145242"   "3607354"   "3914521"   "3978341"   "4048428"   "4247496"   "4311759"   "4414059"   "4417948"   "4482204"   "4518654"   "4568632"   "4631155"   "4710563").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/05/25 15:40
S16	3	S15 and (ebeam or e near beam or electron near beam)	US-PGPUB; USPAT; USOCR	OR	OFF	2006/05/25 15:41

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	6009	(e near beam\$2 or electron near beam\$2) same (modify or modifying or modification)	US-PGPUB; USPAT; USOCR	OR	OFF	2006/06/06 15:23
S2	822	S1 and (rare near gas or helium or neon or argon or krypton or xenon or radon)	US-PGPUB; USPAT; USOCR	OR	OFF	2006/06/06 15:23
S3	513	S2 and cur\$3	US-PGPUB; USPAT; USOCR	OR	OFF	2006/06/06 15:18
S4	87	S3 and (lower\$3 or decreas\$3) with voltage	US-PGPUB; USPAT; USOCR	OR	OFF	2006/06/06 15:18
S5	42	S4 and (increas\$3 or rais\$3) with pressure	US-PGPUB; USPAT; USOCR	OR	OFF	2006/06/06 15:18
S6	307	S2 and (cured or curing or cure)	US-PGPUB; USPAT; USOCR	OR	OFF	2006/06/06 15:24
S7	29	S6 and (lower\$3 or decreas\$3) with voltage	US-PGPUB; USPAT; USOCR	OR	OFF	2006/06/06 15:18
S8	10	S7 and (increas\$3 or rais\$3) with pressure	US-PGPUB; USPAT; USOCR	OR	OFF	2006/06/06 15:19
S9	372	(e near beam\$2 or electron near beam\$2) same (modify or modifying or modification)	EPO; JPO; DERWENT	OR	OFF	2006/06/06 15:37
S10	0	S9 and (rare near gas or helium or neon or argon or krypton or xenon or radon)	US-PGPUB; USPAT; USOCR	OR	OFF	2006/06/06 15:24
S11	0	S9 and (cured or curing or cure)	US-PGPUB; USPAT; USOCR	OR	OFF	2006/06/06 15:24
S12	3	S9 and (rare near gas or helium or neon or argon or krypton or xenon or radon)	EPO; JPO; DERWENT	OR	OFF	2006/06/06 15:24
S13	21835	(multilayer\$3 or multiple near layer\$3) same (dielectric or spin near on near dielectric or SOD or methyl near silsesquioxane or methylsilsesquioxane)	US-PGPUB; USPAT; USOCR	OR	OFF	2006/06/06 15:38
S14	21835	(multilayer\$3 or multiple near layer\$3) same (dielectric or (spin near on near dielectric ) or SOD or (methyl near silsesquioxane) or methylsilsesquioxane)	US-PGPUB; USPAT; USOCR	OR	OFF	2006/06/06 15:40

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S15	4653	S14 and (cure or cured or curing)	US-PGPUB; USPAT; USOCR	OR	OFF	2006/06/06 15:39
S16	1257	S15 and (electron near beam\$2 or electrons\$2 or e near beam\$2)	US-PGPUB; USPAT; USOCR	OR	OFF	2006/06/06 15:40
S17	6279	(dielectric or (spin near on near dielectric )or SOD or (methyl near silsesquioxane) or methylsilsesquioxane) same (electron near beam\$2 or e near beam\$2)	US-PGPUB; USPAT; USOCR	OR	OFF	2006/06/06 15:41
S18	199	(dielectric or (spin near on near dielectric )or SOD or (methyl near silsesquioxane) or methylsilsesquioxane) same (electron near beam\$2 or e near beam\$2) same (rare near gas or helium or neon or argon)	US-PGPUB; USPAT; USOCR	OR	OFF	2006/06/06 15:55
S19	7	((spin near on near dielectric )or SOD or (methyl near silsesquioxane) or methylsilsesquioxane) same (electron near beam\$2 or e near beam\$2) same (rare near gas or helium or neon or argon)	US-PGPUB; USPAT; USOCR	OR	OFF	2006/06/06 15:59
S20	57	((spin near on near dielectric )or SOD or (methyl near silsesquioxane) or methylsilsesquioxane) and (electron near beam\$2 or e near beam\$2) same (rare near gas or helium or neon or argon)	US-PGPUB; USPAT; USOCR	OR	OFF	2006/06/06 16:05
S21	0	((spin near on near dielectric )or SOD or (methyl near silsesquioxane) or methylsilsesquioxane) and (electron near beam\$2 or e near beam\$2) same (rare near gas or helium or neon or argon)	EPO; JPO; DERWENT	OR	OFF	2006/06/06 15:59
S22	31	multilayer\$3 same (methylsilsesquioxane or methyl near silsesquioxane or MSQ)	US-PGPUB; USPAT; USOCR	OR	OFF	2006/06/06 16:09
S23	16	multilayer\$3 same (methylsilsesquioxane or methyl near silsesquioxane or MSQ) and (electron near beam\$2 or e enar beam\$2)	US-PGPUB; USPAT; USOCR	OR	OFF	2006/06/06 16:07
S24	3	multilayer\$3 same (methylsilsesquioxane or methyl near silsesquioxane or MSQ) and (electron near beam\$2 or e near beam\$2)	US-PGPUB; USPAT; USOCR	OR	OFF	2006/06/06 16:07

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S26	71	(multilayer\$3 or multi near layer\$3) same (methylsilsesquioxane or methyl near silsesquioxane or MSQ)	US-PGPUB; USPAT; USOCR	OR	OFF	2006/06/06 16:09
S27	9	S26 and (electron near beam\$2 or e near beam\$2)	US-PGPUB; USPAT; USOCR	OR	OFF	2006/06/06 16:13
S28	39	interlayer\$3 same adhesion same (improv\$3 or increas\$3) same (e near beam or electron near beam)	US-PGPUB; USPAT; USOCR	OR	OFF	2006/06/06 16:14
S29	36	("20020054962"   "20020054982"   "20020098714"   "20020182894"   "20030003765"   "20030022526"   "20030032274"   "20030035904"   "20030077916"   "20030129827"   "20030139062"   "5087959"   "5554570"   "5817572"   "5818071"   "5926740"   "5989998"   "6124641"   "6140226"   "6147009"   "6159871"   "6340435"   "6340628"   "6409238"   "6436824"   "6486061"   "6489238"   "6511909"   "6521300"   "6528423"   "6537733"   "6541369"   "6570256"   "6645883"   "6656837"   "6673725").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/06/06 16:19
S30	17	("5215822").URPN.	USPAT	OR	OFF	2006/06/06 16:33